

# 1ST-nanoN100

## Fanless mini PC

with Intel® N100 CPU (6W TDP), 2x HDMI, 2x 2,5 GbE, 4x USB, SIM slot



Wi-Fi



Bluetooth

- Based on Intel® Alder Lake N series processor
- SO-DIMM DDR4 slots for memory up to 16GB
- Supports independent display via 2x HDMI2.0 and DP1.4 through USB-C
- Rich I/O ports: 2x 2,5 GbE, 3x USB3.2, 1x USB2.0, USB-C, SIM card slot, RS-232 optional
- Wide expansions: M.2 2242/2280 for SATA SSD or 4G, FPC SATA3.0, M.2 2230 for WiFi/BT
- Fanless design
- Supports Windows 10/11 64bit and Linux 64bit

	Items	Descriptions
Dimensions (WxDxH)		127 mm x 127 mm x 45,6 mm
Motherboard	CPU	Intel® N100 (up to 3,4GHz, 4C/4T, 6MB Intel® Smart Cache, 6W TDP)
	System Memory	SO-DIMM slot supports DDR4-3200 up to 16GB RAM
Storage	Interface	M.2 2242/2280 Key B for SATA SSD or 4G, FPC SATA3.0
Display	GPU	Integrated Intel® UHD Graphics
	Display Interface	2x HDMI2.0, DisplayPort 1.4 through USB-C
Expansion		SIM slot, M.2 2230 Key E for WiFi/BT, supports PCIe/USB/CNVi
Ethernet	Interface	2x 2,5GbE LAN, 10/100/1000/2500 Mbps
	Ethernet Chip	Realtek® RTL8125
	Wake on LAN	Yes
System I/O		4x LAN 3x USB3.2 1x USB2.0 1x USB-C 1x RS232 optional 2x HDMI2.0 3x Holes for antennas
Power Supply		12V DC-IN
TPM, Wired Control		Optional
Cooling Method		Passive
Weight		TBD
Operating temperature		-20°C ~ 60°C, non condensing, Storage temperature -40°C ~ 80°C

All data is for information purposes only and not guaranteed for legal purposes. Subject to change without notice. Information in this datasheet has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccuracies. All brand or product names are trademarks or registered trademarks of their respective owners.

## Ordering Information

Part No.	Descriptions
1ST-nanoN100	Supports Intel® N100 (up to 3,4GHz, 4C/4T, 6MB Intel® Smart Cache, TDP 6W)

## Dimension (in mm)

